

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Mark D. Horn
 Docket: 60113.0001US01
 Title: SYSTEM AND FABRICATION METHOD FOR ACTIVELY COOLING HIGH PERFORMANCE COMPONENTS

22278 U.S. PTO
 10/726953



CERTIFICATE UNDER 37 CFR 1.10

'Express Mail' mailing label number: EV 373369109 US

Date of Deposit: December 3, 2003

I hereby certify that this paper or fee is being deposited with the United States Postal Service 'Express Mail Post Office To Addressee' service under 37 CFR 1.10 and is addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

By: 

Name: Alan G. Gorman

Mail Stop PATENT APPLICATION
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

Sir:

We are transmitting herewith the attached:

- ☒ Transmittal sheet, in duplicate, containing Certificate under 37 CFR 1.10.
- ☒ Utility Patent Application: Spec. 20 pgs; 20 claims; Abstract 1 pgs.
 The fee has been calculated as shown below in the 'Claims as Filed' table.
- ☒ 5 sheets of formal drawings
- ☒ A signed Combined Declaration and Power of Attorney
- ☒ Assignment of the invention to The Boeing Company, Recordation Form Cover Sheet
- ☒ Authorization to charge Deposit Account No. 13-2725 in the amount of \$770.00 to cover the Filing Fee
- ☒ Authorization to charge Deposit Account No. 13-2725 in the amount of \$40.00 to cover the Assignment Recording Fee.
- ☒ Return postcard

CLAIMS AS FILED

Number of Claims Filed		In Excess of:		Number Extra		Rate		Fee
Basic Filing Fee								\$770.00
Total Claims								
20	-	20	=	0	x	18.00	=	\$0.00
Independent Claims								
3	-	3	=	0	x	86.00	=	\$0.00
MULTIPLE DEPENDENT CLAIM FEE								\$0.00
TOTAL FILING FEE								\$770.00

Please charge any additional fees or credit overpayment to Deposit Account No. 13-2725. A duplicate of this sheet is enclosed.

MERCHANT & GOULD P.C.
 P.O. Box 2903, Minneapolis, MN 55402-0903
 (612) 332-5300

By: 

Name: Alan G. Gorman

Reg. No.: 38,472

Initials: AGG

23552

PATENT TRADEMARK OFFICE

(PTO TRANSMITTAL - NEW FILING)